EDITOR-IN-CHIEF
Daniel M. Laskin

SECTION EDITORS
Robert L. Campbell
Anesthesia
Bernard J. Degen, II
News
R. Bruce Donoff
Research
Lionel Gold
Pathology
John N. Kent
Oral and Maxillofacial Surgery
Irving Meyer
Clinicopathologic Conferences
Donald B. Osbon
Current Literature
Steven M. Roser
Current Therapy
Richard G. Topazian
Clinical Update
STATISTICAL REVIEWER
Ronald E. Olson

EDITORIAL BOARD
Bruce N. Epker
Walter C. Guralnick
James R. Hayward
James F. Kelly
Markell W. Kohn
Raymond R. White, Jr.

INTERNATIONAL CONSULTANTS
Geert Boering
Groningen, The Netherlands
Tomas Garcia
Bogota, Columbia
David Gutman
Haifa, Israel
Eberhard Krüger
Bonn, Germany
Tamio Nakajima
Niigata City, Japan

Journal of Oral and Maxillofacial Surgery

CONTENTS OF VOLUME 43, 1985

Number 1, January

LATE NEWS	**A2**	
LETTERS TO THE EDITOR	**1**	
EDITORIAL	**2**	
SCIENTIFIC ARTICLES	**3**	Healing of Mandibular Ridge Augmentations Using Hydroxylapatite With and Without Autogenous Bone in Dogs. *Michael S. Block and John N. Kent*
	8	Aberrations in Pulpal Histology and Dentinogenesis in Transplanted Erupting Teeth. *F. N. T. Monsour and K. F. Adkins*
CLINICAL ARTICLES	**14**	A Modified Centripetal Approach to Parotidectomy. *Da Zhang Wang, Song Jun Liu, R. Bruce Donoff, and Walter Guralnick*
	20	Facial Nerve Injury During Surgery of the Temporomandibular Joint: A Comparison of Two Dissection Techniques. *Matthew B. Hall, Randall W. Brown, and Martin S. Lebowitz*
	24	The Frequency and Distribution of Skeletal and Dental Components in Class II Orthognathic Surgery Patients. *Timothy N. Lawrence, Edward Ellis, III, and James A. McNamara, Jr.*
	35	Brainstem Auditory Evoked Potentials in Atypical Facial Neuralgia. *Venkat Ramani*
	38	Intraalveolar Transplantation of Teeth with Crown–Root Fractures. *Karl-Erik Kahnberg*
CASE REPORTS	**43**	Acute Necrotizing Ulcerative Gingivitis in a Case of Systemic Lupus Erythematosus. *Charles P. Jaworski, Brent M. Koudelka, Neal A. Roth, and Keith J. Marshall*
	47	Median Palatine Cyst. *James C. Gingell, Bernard A. Levy, and Louis G. DePaola*
	52	Acute Airway Obstruction Following Tooth Extraction in Hereditary Angioedema. *D. F. Degroote, G. L. Smith, and G. S. Huttula*
	55	Sialolith in a Median Anterior Maxillary Cyst. *Ezedin M. Sadeghi and David M. Angell*
TECHNICAL NOTES	**57**	A Method for Augmenting the Severely Atrophic Maxilla Using Hydroxylapatite. *Daniel Lew*
	60	Rigid Stabilization System for Maxillary Osteotomies. *Robert A. Bays*
CURRENT LITERATURE	**64**	
NEWS & ANNOUNCEMENTS	**67**	

Number 2, February

LATE NEWS	**A2**	
LETTERS TO THE EDITOR	**71**	

EDITORIAL	72	
SCIENTIFIC ARTICLES	73	Evaluation of Hydroxylapatite Root Implants in Baboons. *K. I. Gumaer, R. L. Salsbury, R. J. Sauerschell, R. G. Slighter, and H. P. Drobeck*
	80	Effects of Smokeless Tobacco and Snuff on Oral Mucosa of Experimental Animals. *Gerald Shklar, Khadjik Niukian, Magda Hassan, and Eugenio G. Herbosa*
CLINICAL ARTICLES	87	A Technique for Osseous Restoration of Deficient Edentulous Maxillary Ridges. *Philip J. Boyne, Michael D. Cole, Dale Stringer, and Jon P. Shafqat*
	92	Components of Adult Class II Open-bite Malocclusion. *Edward Ellis, III, James A. McNamara, Jr., and Timothy M. Lawrence*
	106	Comparison of the Analgesic Efficacy of Flurbiprofen and Aspirin for Postsurgical Dental Pain. *George Mardirossian and Stephen A. Cooper*
	110	Diagnosis of Temporomandibular Joint Pain in Patients Seen at a Pain Clinic. *Alastair N. Goss, Bernard Speculand, and Evan Hallet*
CLINICAL UPDATE	115	Mandibular Fracture Fixation and Reconstruction Using the Lower-border Threaded Rod: An Eleven-year Follow-up Study. *Edward B. Seldin, John P. Kelly, Walter C. Guralnick, and David A. Keith*
CASE REPORTS	122	Glycogen-rich Adenocarcinoma of a Minor Salivary Gland. *David A. Lattanzi, Peter Polverini, and Daniel C. Chin*
	125	The Correction of Mandibular Deformity Due to Paget's Disease of Bone. *D. Wiesenfeld, R. M. Cook, K. R. Bennet, and B. G. Radden*
	130	Spontaneous Regeneration of a Unilaterally Absent Mandibular Condyle. *S. Keizer and D. B. Tuinzing*
	133	Mandibular Gingival Metastasis from a Rectal Adenocarcinoma. *E. Tsianos, C. Banis, S. Stefanaki-Nikou, and A. Drosos*
	136	Squamous Odontogenic Fibroma. *Gülçin Erseven, A. Sedat Çöloğlu, Kamil Gürsu, and Metin Alatli*
TECHNICAL NOTES	139	Fiberoptic Antroscopy. *M. Anthony Pogrel*
	142	Sublabial Antrostomy. *P. Ghosh*
CURRENT LITERATURE	146	
NEWS AND ANNOUNCEMENTS	149	

Number 3, March

LATE NEWS	A2	
LETTERS TO THE EDITOR	153	
EDITORIAL	154	
CLINICAL ARTICLES	155	The Sternocleidomastoid Muscle as a Muscular or Myocutaneous Flap for Oral and Facial Reconstruction. *Robert E. Marx and Daniel K. McDonald*
	163	Artifacts in Oral Biopsy Specimens. *Joseph E. Margarone, Joseph R. Natiella, and Carole D. Vaughan*
	173	Facial Pain Complaints in the Elderly. *Robert D. Marciani, John V. Haley, and Gerald I. Roth*
	177	Odontogenic Keratocysts: Review of the Literature and Report of Sixteen Cases. *Nicholas Zachariades, Stavros Papanicolaou, and Demetrius Triantafyllou*
	183	Subperiosteal Onlay Augmentation of the Mandible: A Clinical and Radiographic Survey. *J. G. N. Swart and R. H. B. Allard*
SCIENTIFIC ARTICLES	188	The Effects of Immobilization on the Rabbit Temporomandibular Joint. *Daniel D. Lydiatt and Leon F. Davis*
	194	The Correlation of Tempomandibular Joint Sounds with Joint Morphology in Fifty-five Autopsy Specimens. *M. Rohlin, P.-L. Westesson, and L. Eriksson*
CURRENT THERAPY	201	Autologous Transfusion in Orthognathic Surgery. *Robert D. Marciani and Larry G. Dickson*
CLINICOPATHOLOGIC CONFERENCES	205	Case 52: Multiloculated Radiolucency of the Left Mandible. *Eric T. Geist, John N. Kent, Ronald F. Carr, and Stuart Super*

CASE REPORTS	**210**	Gaucher's Disease Affecting the Mandible. *Matthew B. Hall, Randall W. Brown, and Ronald A. Baughman*
	214	Intramuscular Hemangioma of the Tongue. *Irwin A. Small and Lawrence E. Nathan*
	218	Spontaneous Regeneration of the Condyle Following Hemimandibulectomy by Disarticulation. *Mamoru Nagase, Ken Ueda, Ichiro Suzuki, and Tamio Nakajima*
	221	Tooth Extraction in Two Patients Who Had a Congenital Deficiency of Factor XIII. *Hideharu Suzuki and Toshio Kaneda*
TECHNICAL NOTES	**225**	A Technical Note on Placement of the Mandibular Staple Bone Plate. *Leslie Heffez*
	226	Functional Therapy for Fractures of the Condyloid Process in Adults. *Roderick B. Thiele and Ralph M. Marcoot*
CURRENT LITERATURE	**229**	
NEWS AND ANNOUNCEMENTS	**233**	

Number 4, April

LATE NEWS	**A2**	
LETTERS TO THE EDITOR	**237**	
EDITORIAL	**238**	
CLINICAL ARTICLES	**239**	The Use of Transarterial Microembolization in the Management of Hemangiomas of the Perioral Region. *Ira F. Braun, Steven Levy, and James C. Hoffman, Jr.*
	249	Fibro-osseous Lesions of the Jaws. *Charles A. Waldron*
	263	Long-term Evaluation of Meniscectomy of the Temporomandibular Joint. *Lars Eriksson and Per-Lennart Westesson*
	270	Ampicillin Concentrations in Human Serum, Gingiva, Mandibular Bone, Dental Follicle, and Dental Pulp Following a Single Oral Dose of Talampicillin. *Yoshiaki Akimoto, Kenji Kaneko, Akira Fujii, and Toyoyuki Tamura*
SCIENTIFIC ARTICLES	**277**	Evaluation of a Subcutaneously Implanted Hydroxylapatite-Avitene Mixture in Rabbits. *William Keith Harvey, James L. Pincock, Victor J. Matukas, and Jack E. Lemons*
CASE REPORTS	**281**	Vascular Malformation: Report of a Case with Eight-year Follow Up. *Sidney Spatz, Steven Kaltman, and Scott Farber*
	285	Plasmacytoid Myoepithelioma of a Minor Salivary Gland. *Stevan H. Thompson, Simon Bender, and Alan Richards*
	289	Ameloblastic Fibroma in an Infant. *A. H. Young*
	292	Tympanic Plate Fracture from Mandibular Trauma. *Gary L. Conover and Randall J. Crammond*
	294	Arteriovenous Malformation of the Submandibular Gland. *James C. Burns, James Julian, and John Alexander*
	297	Post-irradiation Osteogenic Sarcoma. *Nicholas Zachariades, Catherine Patrinou, Spyros Benetos, Assimina Xypolyta, and Ionna Keleki*
	300	Necrosis of the Upper Lip from Giant-cell Arteritis. *M. A. Pogrel*
	302	Sialadenoma Papilliferum. *Kenneth D. Bass and B. J. Cosentino*
SPECIAL CONTRIBUTION	**305**	Management of Facial Trauma: Teaching Collaboration by Example. *Jack C. Fisher*
TECHNICAL NOTES	**307**	The Maxillary Step Osteotomy and Steinmann Pin Stabilization. *Mark A. Bennett and Larry M. Wolford*
CURRENT LITERATURE	**312**	
NEWS AND ANNOUNCEMENTS	**317**	

Number 5, May

LATE NEWS	**A2**
LETTERS TO THE EDITOR	**321**
EDITORIAL	**322**

CLINICAL ARTICLES	323	Diagnosis and Treatment of Jaw Tumors in Children. *Robert Chuong and Leonard B. Kaban*
	333	Intolerance to Aspirin and the Nonsteroidal Anti-inflammatory Drugs. *G. T. Housholder*
	338	Stability Associated with Mandibular Advancement Treated by Rigid Osseous Fixation. *Joseph E. Van Sickels and Carolyn M. Flanary*
	342	Nitroglycerin-controlled Circulation in Orthgnathic Surgery. *John K. Golia, Robert Woo, Anthony Farole, and Joseph L. Seltzer*
	346	The Facial Plethysmograph: A New Instrument to Measure Facial Swelling Volumetrically. *Maano Milles, Paul J. Desjardins, and Hans E. Pawel*
	353	Microsurgical Correction of the Injured Inferior Alveolar Nerve. *Peter G. Mozsary and Charles S. Syers*
SCIENTIFIC ARTICLES	359	Alveolar Wound Healing and Ridge Remodeling After Tooth Extraction in the Rat: A Histologic, Radiographic, and Histometric Study. *M. B. Guglielmotti and R. L. Cabrini*
CLINICOPATHOLOGIC CONFERENCE	365	Solitary Palatal Ulcer. *James R. Hupp, Jerry M. Layne, and Robert S. Glickman*
CASE REPORTS	372	Oral Focal Mucinosis. *Ichiro Saito, Fumio Ide, Takeshi Enomoto, and Itsuro Kudo*
	374	Recurrence of an Ameloblastoma in an Autogenous Iliac Bone Graft. *Guido Stea*
	377	Vascular Leiomyoma of the Oral Cavity. *A. Epivatianos, G. Trigonidis, and P. Papanayotou*
	382	Multiple Extractions in a Patient with Factor VII Deficiency. *Yasunori Sumi, Michio Shikimori, Toshio Kaneda, and Tadashi Kitajima*
	384	Giant Submandibular Gland Calculi. *Vijay Narayansingh*
	385	Pancreatic Carcinoma Metastatic to the Mandibular Gingiva. *Jack A. Stecher, Reza Mostofi, L. D. True, and A. Thomas Indresano*
TECHNICAL NOTES	391	Maintenance of Condylar Position After Sagittal Split Osteotomy of the Mandible. *Myer S. Leonard*
	393	Insulation for the Electrosurgical Tip. *Abubaker O. Abubaker*
CURRENT LITERATURE	394	
NEWS AND ANNOUNCEMENTS	397	

Number 6, June

LATE NEWS	A2	
LETTERS TO THE EDITOR	401	
EDITORIAL	402	
SCIENTIFIC ARTICLES	403	The Effect of Electrical Current on the Healing of Mandibular Freeze-dried Bone Allografts in Dogs. *Gerald B. Branham, Robert G. Triplett, Steven Yeandle, and Frank Vieras*
	408	Wound Healing After Anterior and Posterior Subapical Osteotomy. *Gregory B. Scheideman, Hiroshi Kawamura, Richard A. Finn, and William H. Bell*
CLINICAL ARTICLES	417	An Analysis of 2,067 Cases of Zygomatico-orbital Fracture. *Edward Ellis, III, Amir El-Attar, and Khursheed Francis Moos*
	429	The Short-term Effect of Intra-articular Injections of Sodium Hyaluronate and Corticosteroid on Temporomandibular Joint Pain and Dysfunction. *Sigvard Kopp, Bengt Wenneberg, Torgny Haraldson, and Gunnar E. Carlsson*
	436	A Re-evaluation of the Role of Tracheostomy in Ludwig's Angina. *D. Allen, T. E. Loughnan, and R. A. Ord*
	440	The Inverted L Osteotomy for Treatment of Skeletal Open-bite Deformities. *David J. Dattilo, Thomas W. Braun, and George C. Sotereanos*
	444	A Comparison Between Superior and Inferior Border Wiring Techniques in Sagittal Split Ramus Osteotomy. *Richard S. Singer and Robert A. Bays*
CURRENT THERAPY	450	Intraoral Vertical Subcondylar Osteotomy: A National Survey. *Christopher F. Niebergall and Louis G. Mercuri*
CASE REPORTS	453	Nonendemic American Burkitt's Lymphoma. *Joseph E. Van Sickels, Charles Anderegg, Jr., Thomas B. Aufdemorte, and Jerry E. Bouquot*

457 Cowden's Disease (Multiple Hamartoma Syndrome). *Harry D. Gilbert, Richard A. Plezia, and Theresa Pietruk*

460 Superior and Buccal Displacement of the Mandibular Canal in Fibrous Dysplasia. *John L. Giunta, Leslie Heffez, and H. Chris Doku*

462 Extensive Osteolysis of the Mandible Following Devitalization of a Tooth by Arsenic Trioxide. *Hideki Yakata, Tomohiko Azumi, Tateharu Kawasaki, and Tamio Nakajima*

466 Protracted Temporomandibular Joint Arthritis in Familial Mediterranean Fever. *Ferit Tovi, Elisha Barmeir, Mauricio Peist, and Jacob Bar-Ziv*

TECHNICAL NOTES 469 A Technique for Controlled Placement of Hydroxylapatite Over Atrophic Mandibular Ridges. *Robert H. Propper*

471 Alternative Donor Sites for Maxillary Bone Grafts. *Larry M. Wolford and Robert L. Cooper*

CURRENT LITERATURE 473

NEWS AND ANNOUNCEMENTS 475

Number 7, July

LATE NEWS A2

LETTERS TO THE EDITOR 479

EDITORIAL 480

CLINICAL ARTICLES 481 Osteoarthritis of the Temporomandibular Joint: A Light Microscopic and Scanning Electron Microscopic Study of the Articular Cartilage of the Mandibular Condyle. *Lambert G. M. De Bont, Geert Boering, Robert S. B. Liem, and Piet Havinga*

489 Continuous Transcutaneous O_2 and CO_2 Monitoring during Conscious Sedation for Oral Surgery. *Richard A. Kraut*

493 Radiographic Appearance and Population Distribution of the Pneumatized Articular Eminence of the Temporal Bone. *D. A. Tyndall and S. R. Matteson*

498 Inverted Follicular Keratosis. *Dean K. White, Arthur S. Miller, E. Jefferson Burkes, and Douglas D. Damm*

504 Intraoperative Complications of Sagittal Osteotomy of the Mandibular Ramus: Incidence and Management. *Timothy A. Turvey*

510 Pericoronitis: A Reappraisal of Its Clinical and Microbiologic Aspects. *D. W. Nitzan, O. Tal, M. N. Sela, and A. Shteyer*

517 Comparison of Meclofenamate Sodium with Buffered Aspirin and Placebo in the Treatment of Postsurgical Dental Pain. *N. Robert Markowitz, Stephen K. Young, Michael D. Rohrer, and Janeth L. Turner*

SCIENTIFIC ARTICLES 523 A Primate Model for Producing Experimental Alveolar Cleft Defects. *Mohamed El Deeb, Bruce Horswell, and Daniel E. Waite*

528 Changes in Distribution of Some Crucial Elements in Masseter Myofibers Following Surgically Induced Trauma. *Milton B. Engel and Mohamed M. Amin*

CLINICOPATHOLOGIC CONFERENCES 531 Case 55: Large Right Mandibular Mass. *Rocco R. Addante and Jeffrey L. Laskin*

CASE REPORTS 537 Exodontia in Combined Factor V and Factor VIII Deficiency. *Jon A. Bartlett, Joseph D. Sweeney, and Donald Sadowsky*

539 Arthrogryposis Multiplex Complex Involving the Temporomandibular Joint. *Leslie Heffez, H. Chris Doku, and Joseph P. O'Donnell*

543 Choriocarcinoma Metastatic to the Maxillofacial Region. *Enrico Sesenna*

546 Gingival Metastasis from Breast Carcinoma. *James B. Sweet, R. Keith McDaniel, and Donald P. Butler*

549 Metastatic Neuroblastoma of the Jaws. *J. Robert Newland, James L. McClendon, and Denis P. Lynch*

TECHNICAL NOTES 554 Methyl Methacrylate Obturation of the Pneumatized Articular Eminence of the Temporal Bone. *Richard A. Kraut*

555 A Simplified Nasal Packing. *Robert H. Burke*

CURRENT LITERATURE 556

NEWS AND ANNOUNCEMENTS 559

Number 8, August

LATE NEWS	**A2**	
LETTERS TO THE EDITOR	**563**	
EDITORIAL	**564**	
SCIENTIFIC ARTICLES	**565**	Morphology of the Developing Articular Disc of the Human Temporomandibular Joint. *Gordon B. Wong, Simon Weinberg, and John M. Symington*
	570	Use of Collagen Tubes for Implantation of Hydroxylapatite: An Experimental Study. *Richard K. Gongloff, William Whitlow, and Carolyn K. Montgomery*
CLINICAL ARTICLES	**574**	Evaluation of Rebreathing in Various Modifications of the Mapleson-D System. *Robert L. Campbell, N. Ray Lee, Ronald G. Shamaskin, James H. Priest, and Kang H. Rah*
	580	Blood Loss with Use of the Shaw Scalpel® for the Treatment of Oral Cancer. *Ritsuo Takagi, Yasushi Ohashi, and Masaki Abe*
	585	Compression Osteosynthesis of Mandibular Fractures: A Retrospective Study. *Harold Kai Tu and David Tenhulzen*
	590	Variations of Total Vertical Maxillary Excess. *Stephen A. Schendel and Albert E. Carlotti, Jr.*
	597	A Retrospective Study of 1,521 Mandibular Fractures. *Pantelis Nic. Bochlogyros*
	600	Vascular Penetration Following Intraligamental Injection. *Raymond D. Rawson and Daniel L. Orr, II*
CURRENT THERAPY	**605**	Fibrin Seal: The State of the Art. *Helene Matras*
CASE REPORTS	**612**	Bilateral Coronoid Hyperplasia: Report of Two Cases. *Richard A. Kraut*
	614	Development of a Keratocyst in the Facial Soft Tissues. *Karel G. H. Van der Wal*
	617	Encephalocraniocutaneous Lipomatosis and Mixed Odontogenic Tumors. *Michael G. Savage, Lee Heldt, John J. Dann, and Robert L. Bump*
	621	Prilocaine-induced Methemoglobinemia in a Child with Shwachman Syndrome. *Chester P. Klos and Granvil L. Hays*
	623	Verruciform Xanthoma of the Oral Mucosa. *I. Van der Waal, H. C. J. Kerstens, and C. J. J. Hens*
	626	Syndrome of Inappropriate Antidiuretic Hormone Secretion Associated with Maxillofacial Trauma. *David J. Gingrass and Mary Grote*
	629	Adenocarcinoma Metastatic to the Temporomandibular Joint. *Ronald Hecker, William Noon, and Max Elliot*
	631	Aggressive Ossifying Fibroma of the Mandible. *Charles E. Reaume, Richard W. Schmid, and Richard K. Wesley*
	636	Mandibular Metastasis from a Primary Adenocarcinoma of the Fallopian Tube. *J. Curtin and B. G. Radden*
	638	Laryngeal Incompetence Following Facial Trauma. *Nicholas Zachariades*
	640	Primary Angioleiomyoma of the Mandible. *Dean K. White, Lawrence R. Selinger, Arthur S. Miller, Max M. Behr, and Douglas D. Damm*
	644	Monomorphic Adenoma of the Buccal Mucosa. *Renee C. McCoy-Collins, Noah R. Calhoun, Robert S. Redman, and Nirmal Saini*
TECHNICAL NOTES	**649**	Modified Kocher Clamp for Fragment Stabilization After Sagittal Ramus Osteotomy. *Gerald Alexander*
	650	Prevention of Tooth Decalcification Under Acrylic Splints Used in Orthognathic Surgery. *C. N. A. Bell*
CURRENT LITERATURE	**652**	
NEWS AND ANNOUNCEMENTS	**653**	

Number 9, September

LATE NEWS	**A2**	
LETTERS TO THE EDITOR	**657**	

EDITORIAL	**658**	
CLINICAL ARTICLES	**659**	A Pin-in-groove Technique for Reduction of Displaced Subcondylar Fractures of the Mandible. *Charles F. Wennogle and Richard I. Delo*
	666	Odontogenic Fibroma of the Complex (WHO) Type: Report of Six Cases. *John L. Doyle, Ira B. Lamster, and Ernest Baden*
	675	Use of Prophylactic Antibiotics in Temporomandibular Joint Surgery. *Barry L. Eppley and John J. Delfino*
	680	Surgical Treatment of Pleomorphic Adenoma of the Parotid Gland: Report of 110 Cases. *E. Zoa Chang and W. C. Lee*
	683	Adenomatoid Odontogenic Tumor in a Black African Population: Report of Thirteen Cases. *H. A. Ajagbe, J. O. Daramola, T. A. Junaid, and A. O. Ajagbe*
	688	Tumors of the Salivary Glands: Clinical Analysis of 68 Cases. *John D. Langdon*
SCIENTIFIC ARTICLES	**693**	Endochondral Ossification of the Condyle in Rats on a Strontium or Low-calcium Diet. *Masaru Nagayama, Noriaki Saburi, Tohru Oka, and Akira Matsumoto*
CURRENT THERAPY	**704**	Rabies Therapy for Animal Bites in the Head and Neck Region. *Timothy J. Flanigan, Eric T. Rippert, and Gerald E. Nieusma*
CASE REPORTS	**707**	Clear Cell Ameloblastoma—An Odontogenic Carcinoma. *Charles A. Waldron, Irwin A. Small, and Harvey Silverman*
	718	Desmoplastic Fibroma of the Maxilla. *Donald I. George, Jr., Alan R. Gould, Richard L. Miller, and N. J. Strull*
CLINICOPATHOLOGIC CONFERENCE	**726**	Case 56: Intraosseous Tumor of the Maxilla. *W. H. Petri, III, P. A. Auclair, G. B. Branham, M. J. Kelly, and Homer L. Ash*
TECHNICAL NOTES	**735**	The Lingual Application of a Reconstruction Plate: A New Method in Bridging Lower Jaw Defects. *J. Raveh, M. Roux, and F. Sutter*
CURRENT LITERATURE	**740**	
NEWS AND ANNOUNCEMENTS	**743**	

Number 10, October

LATE NEWS	**A2**	
EDITORIAL	**748**	
LETTERS TO THE EDITOR	**747**	
CLINICAL ARTICLES	**749**	The Spread of Odontogenic Infections to the Orbit: Diagnosis and Management. *John D. Bullock and John A. Fleishman*
	756	The Nature of Vertical Maxillary Deformities: Implications for Surgical Intervention. *Edward Ellis III*
	763	Chondrosarcoma of the Jaw: Review of Fourteen Cases. *H. A. Ajagbe, J. O. Daramola, and T. A. Junaid*
	767	A Prospective Study of Complications Related to Mandibular Third Molar Surgery. *Thomas P. Osborn, George Frederickson, Jr., Irwin A. Small, and Thomas S. Torgerson*
	770	Patient Response to Surgical and Nonsurgical Treatment for Internal Derangement of the Temporomandibular Joint. *Beth Joan Benson and David A. Keith*
SCIENTIFIC ARTICLES	**778**	Biologic Effects of Freezing on Tissues of the Maxillofacial Region. *Hong-Cai Ding, R-Doing Wang, Tian-Qui Mao, and Pin-Qiang Peng*

CASE REPORTS	**782**	Adult Respiratory Distress Syndrome as a Complication of Oral and Maxillofacial Surgery. *Gary B. Woodcock, G. Bruce Nickles, Michael G. Savage, and Howard S. Kramer*
	786	Pseudomalignant Osseous Tumor of the Temporalis Muscle. *D. Wiesenfeld, F. J. H. Evans, and N. Johnson*
	789	Ameloblastic Sarcoma of the Mandible. *Mario Altini, Stevan H. Thompson, John F. Lownie, and Brian B. Berezowski*
	795	Ludwig's Angina Resulting from the Infection of an Oral Malignancy. *George E. Fischmann and Barney S. Graham*
	796	Computed Tomography in the Diagnosis and Treatment of Mandibular Ameloblastoma: Report of Cases. *Mark A. Cohen, Yancu Hertzanu, and Dianne B. Mendelsohn*
	801	Surgical Treatment of Van Buchem's Disease. *Eric W. Ruckert, Ricky J. Caudill, and Paul J. McCready*
	805	Fracture of the Hyoid Bone Associated with a Mandibular Fracture. *Andrew M. Whyte*
	808	Management of an Unfavorable Lingual Fracture during a Sagittal Split Osteotomy. *Joseph E. Van Sickels, Thomas S. Jeter, and Brad A. Theriot*
	810	Treatment of Condylar Fractures Associated with Other Mandibular Fractures. *Kunio Ikemura*
	814	Mandibular Fracture in a Five-week-old Infant. *Sarkis Rupen Mektubjian*
	816	Maxillary Nerve Involvement in Bacterial Endocarditis. *Anthony P. Barrett and Mark W. Smith*
	817	Conversion Phenomenon Following General Anesthesia. *Daniel L. Orr II and Andrew S. Glassman*
	819	Sjögren's Syndrome in a Young Adult. *Duane F. Hurt and Judy Burroughs*
CLINICOPATHOLOGIC CONFERENCE	**822**	Case 57: Multiple Enlargements of the Premaxilla and Mandible. *Pete G. Fotos, Michael A. Pikos, and M. William Rose*
TECHNICAL NOTES	**827**	Modification of the Biphase Appliance for Large Mandibular Resections. *D. John Webb and Bruce L. Whitcher*
CURRENT LITERATURE	**829**	
NEWS AND ANNOUNCEMENTS	**831**	

Number 11, November

LATE NEWS	**A2**	
EDITORIAL	**835**	
LETTERS TO THE EDITOR	**836**	
SCIENTIFIC ARTICLES	**837**	Osteoinduction in Rhesus Monkeys Using Demineralized Bone Powder Allografts. *Mahmoud Hosny and Mohamed Sharawy*
	845	Experimental Study of the Use of Collagen Tubes for Implantation of Particulate Hydroxylapatite. *Richard K. Gongloff and Carolyn K. Montgomery*
CLINICAL ARTICLES	**850**	Removal of Oral Soft Tissue Pathology with the CO_2 Laser. *John W. Frame*
	856	Composite Graft for Mandibular Alveolar Augmentation: A Preliminary Report. *Richard A. Kraut*
	860	Clinical Assessment of Etomidate for Outpatient General Anesthesia: A Preliminary Evaluation. *Carroll S. Gallagher, Jr. and John R. Hann*
	865	Antibiotic Prophylaxis for Major Maxillocraniofacial Surgery. *Mark A. Conover, Leonard B. Kaban, and John B. Mulliken*
CURRENT THERAPY	**870**	Pathogenesis and Treatment of Adult Respiratory Distress Syndrome. *Jack J. Tse, Morris Brown, and Jeffrey S. Topf*
CASE REPORTS	**876**	Melanin Pigmentation in a Mucoepidermoid Tumor of a Minor Salivary Gland. *Thomas B. Aufdemorte, Joseph E. Van Sickels, and Birgit Junfin Glass*
	880	Simultaneous Occurrence of Dermoid and Heterotopic Intestinal Cysts in the Floor of the Mouth of a Newborn. *Barry L. Eppley, Martin J. Bell, and Allen Sclaroff*

	884	False Median Cleft. *Tsuyoshi Takato, Takashi Nakatsuka, and Yoshio Ohhara*
	888	Squamous Odontogenic Tumor Related to an Unerupted Lower Canine. *R. A. Monteil and P. Terestri*
	896	Malignant Mixed Salivary Tumor Presenting as a Mandibular Metastasis. *T. K. Mellor and John Scott*
	900	Mikulicz Syndrome. *C. N. Penfold*
	905	An Atypical Solitary Bone Cyst. *G. Persson*
	907	Malignant Hyperthermia in a Patient Receiving Nitrous Oxide. *P. D. Waite, J. B. Ballard, and A. Yonfa*
	909	Median Labiomandibular Glossotomy for Access to the Cervical Spine. *Larry J. Moore and Harry C. Schwartz*
TECHNICAL NOTES	913	Thermoplastic Material for Intraoral Stent Fabrication. *Barry L. Eppley, Allen Sclaroff, and Louis Altshuler*
	914	Treatment of Maxillary Deficiency by a Le Fort I Downsliding Technique. *Johan P. Reyneke and Conrad J. Masureik*
CURRENT LITERATURE	917	
NEWS AND ANNOUNCEMENTS	919	

Number 12, December

LATE NEWS	A2	
EDITORIAL	923	
LETTERS TO THE EDITOR	924	
SCIENTIFIC ARTICLES	925	Osteoinduction in Young and Old Rats Using Demineralized Bone Powder Allografts. *Mahmoud Hosny and Mohamed Sharawy*
	932	A Comparison of Freeze-dried Allogeneic and Fresh Autologous Vascularized Rib Grafts in Dog Radial Discontinuity Defects. *S. J. Schaberg, W. H. Petri, E. W. Gregory, P. L. Auclair, and E. Jacob*
CLINICAL ARTICLES	938	The Effects of Orthognathic Surgery on Mandibular Range of Motion. *Steven B. Aragon, Joseph E. Van Sickels, M. Franklin Dolwick, and Carolyn M. Flanary*
	944	The Relationship Between Blood Ordered and Blood Administered in Orthognathic Surgery: A Retrospective Study. *David C. Ash and Louis G. Mercuri*
	947	Pathologic Evaluation of Disc Dysfunction and Osseous Abnormalities of the Temporomandibular Joint. *Quentin N. Anderson and Richard W. Katzberg*
	952	Effects on the Periodontium of Vertical Bone Cutting for Segmental Osteotomy. *Hak-Joo Kwon, Bruce Pihlstrom, and Daniel E. Waite*
	956	Effect of Preoperative Cimetidine and Ranitidine on Gastric Secretion. *James E. Royer and Robert G. Triplett*
CLINICOPATHOLOGIC CONFERENCES	958	Case 58: Maxillary Alveolar Mass in a 13-year-old Boy. *Harry G. Sacks, Randolph Holly, Bertram Blum, and Edwin D. Joy*
CASE REPORTS	964	Oronasal Fistula Secondary to Nasal Septal Surgery and Candidiasis. *Stevan H. Thompson, Hafiz Kola, Johan Langenegger, and Johan Reyneke*
	966	Total Mandibular Replacement in a Patient with Hand-Schüller-Christian Disease. *Louis Altshuler, Allen Sclaroff, and Barry L. Eppley*
	971	Closed Percutaneous Catheter Drainage of a Cervical Abscess. *Jeffrey C. Sacks and William C. Gilmore*
	974	Fracture of the Glenoid Fossa and Dislocation of the Mandibular Condyle into the Middle Cranial Fossa. *Ronald H. Copenhaver, Matthew J. Dennis, Erling Kloppedal, Donald B. Edwards, and Robert B. Scheffer*
	978	Use of Computed Tomography in the Localization of Head-and-Neck-Space Infections. *Matthew B. Hall, David M. Arteaga, and Anthony Mancuso*

	981	Salvage of the Mandibular Staple Bone Plate Following Bone Infection. *William L. Davenport, Lee Heldt, and Robert L. Bump*
	987	Myxoma of the Mandible with Unusual Radiographic Appearance. *Jorge A. Chuchurru, Ricardo Luberti, Juan C. Cornicelli, and Francisco V. Dominguez*
	990	Traumatic Aneurysm of the Facial Artery Caused by Missile Injury. *H. Rahmat, A. Amirjamshidi, and N. Kamalian*
	992	Selective Anesthesias of the Inferior Alveolar Nerve in Leukemia and Lymphoma. *Anthony P. Barrett*
TECHNICAL NOTES	995	Removal of a Broken Saw Blade. *D. B. Tuinzing and R. B. Greebe*
	995	Modifications in the Le Fort III Osteotomy. *Michael C. Kinnebrew and William R. Dzyak*
CURRENT LITERATURE	999	
NEWS AND ANNOUNCEMENTS	1003	